

PI 554144. *Trifolium pratense* L. FABACEAE Red clover

**Donated by:** Gorz, H.J., Nebraska Agr. Exp. Sta., University of Nebraska, Lincoln, Nebraska, United States. Received July 31, 1991.

**origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., University of Nebraska, Lincoln, Nebraska 68583. **cultivar:** N-2. **pedigree:** Interpollination of 198 plants highly resistant to both aphids derived from six germplasms from a total of 35 diverse sources of red clover germplasm used in the initial screening. **other id:** GP-11. **source:** Crop Sci. 19(3):417 1979. **group:** CSR-OTHER LEGUMES. **remarks:** Developed by five cycles of phenotype recurrent selection for yellow clover aphid (*Therioaphis trifolii*) and three such cycles for pea aphid (*Acyrtosiphon pisum*) resistance. The percentage of resistant plants increased from 0.3% in the initial screening to 95.6% in the fifth cycle for yellow clover aphid resistance and from 27.5% to 93.7% for pea aphid resistance. Useful as source of resistance in. Perennial. Breeding Material. Seed.

PI 554145. *Hordeum vulgare* L. POACEAE

**Donated by:** Kolding, M.F., Oregon Agr. Exp. Sta., P.O. Box 105, Hermiston, Oregon, United States. Received July 25, 1991.

**origin:** United States. **origin institute:** Oregon Agr. Exp. Sta., P.O. Box 105, Hermiston, Oregon 97838. **cultivar:** GWEN. **pedigree:** OHB67-23/Lakeland. **other id:** ORFB77796. **other id:** FB77796-H6001. **remarks:** Six-row, covered, medium-height, medium-early, BYDV-tolerant variety. Test weight high. Cold-hardy winter barley for the Pacific Northwest low-rainfall, shallow-soil sites. Rachis edged with sparse short hairs. Spike mid-dense. Glume awned, normal-short with short hairs. Aleurone clear. Lemma hairs were wanting. Veins smooth. Rachilla short-haired-normal. Lemma base shape is depression. Cultivar. Seed.

PI 554146 to 554177. *Aegilops biuncialis* Vis. POACEAE

**Donated by:** Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon, United States. Received July 01, 1991.

PI 554146 **donor id:** H83-1005. **origin:** Turkey. **collected:** August 1979. **collector id:** 79TK003-018. **locality:** 21 km east of Kirsehir, Mucur. **elevation:** 1090m. Wild. Seed.